

Exhibit J

MetaDoor - The Open Metadata Platform



ExLibris
Part of **Clarivate**

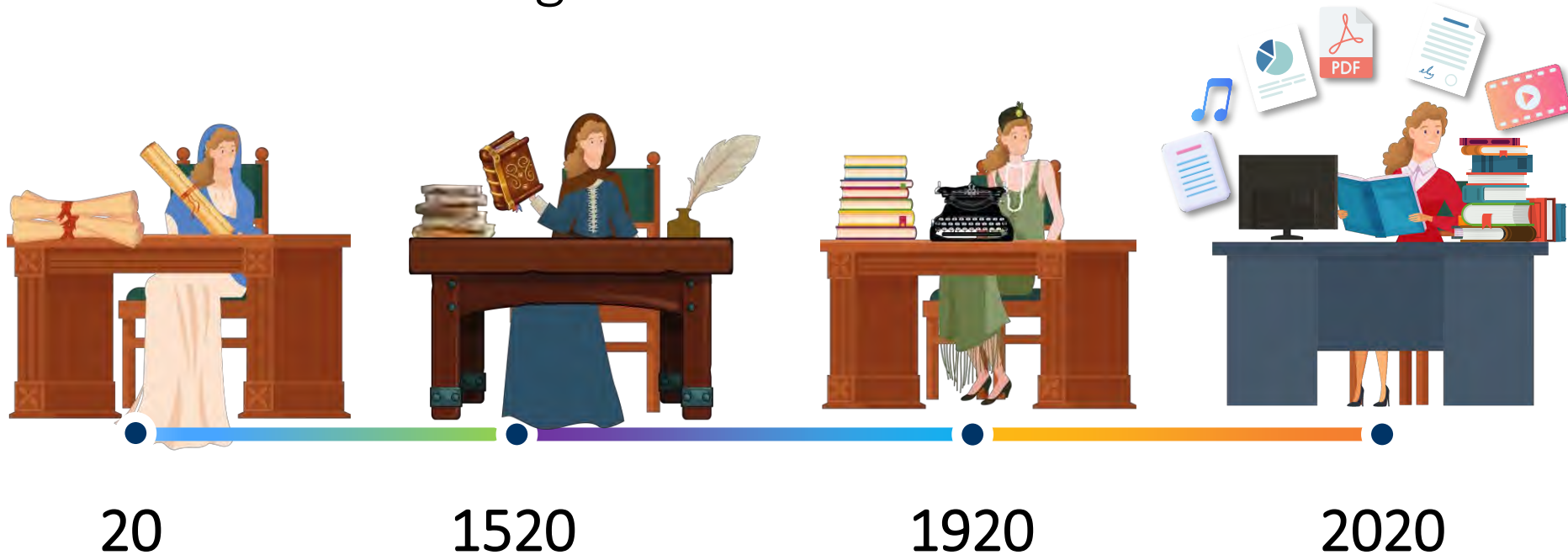
Agenda



- Metadata in libraries today
- MetaDoor overview
 - MetaDoor Pillars
 - MetaDoor Components
- Demo
 - Open Web Interface
 - MetaDoor in MD Editor
 - Automatic Enrichment Process
- MetaDoor and Community Zone
- MetaDoor tracks
 - Development Track
 - Metadata Track



Metadata has always been important to making collections discoverable





It is impossible to handle such vast amount of
resources in the existing technology and workflows



Inefficient
processes



Not scalable



Limited
discoverability



MetaDoor – The metadata ecosystem of the future

ExLibris
Part of Clarivate



The metadata platform of the future



Community
Based



Free



Efficient



Discoverable

A Revolutionary Community Platform



KEY COMPONENTS

Community records

Global index

Preferred Record Service

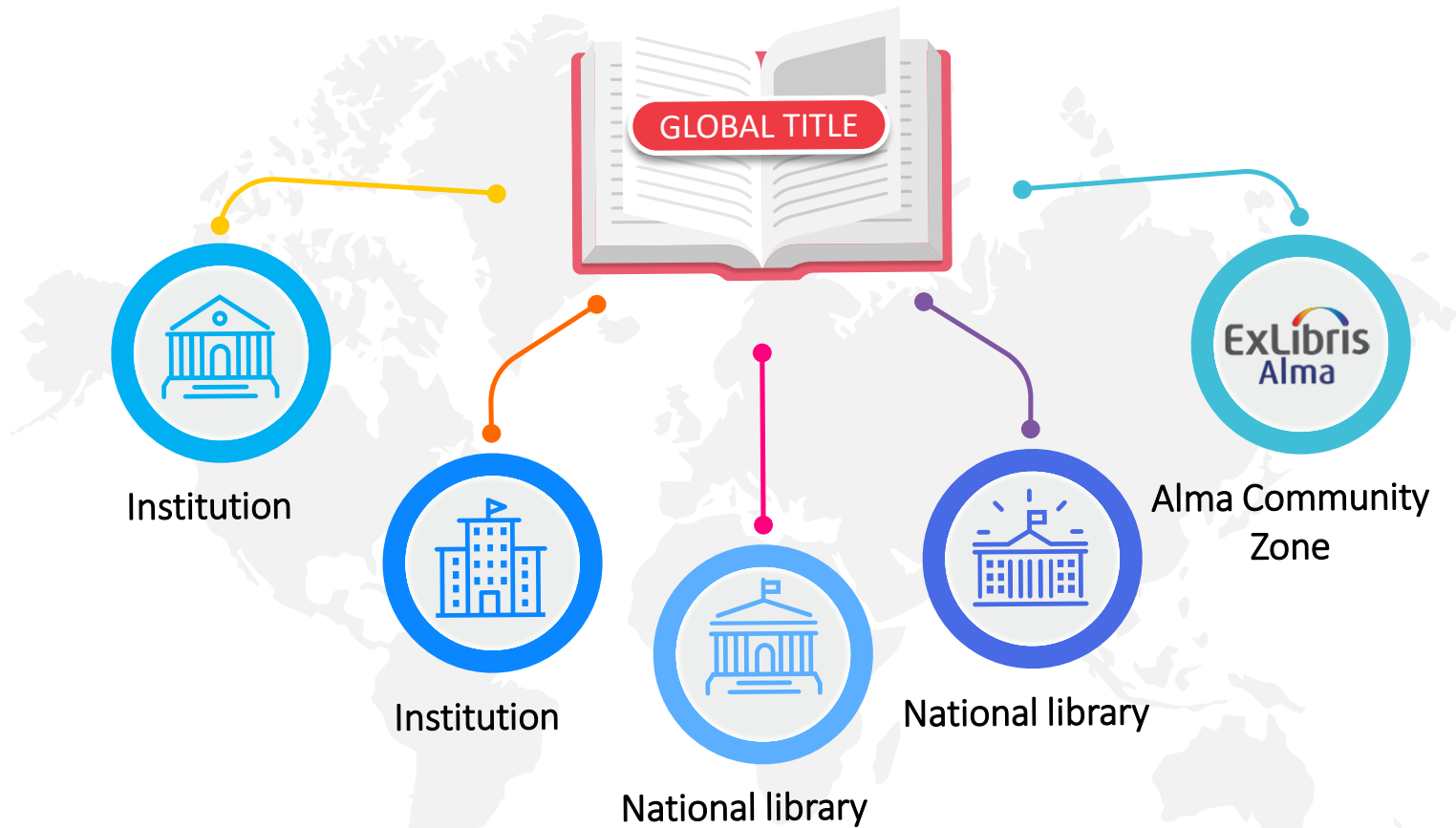
Open platform via APIs
and Web interface

Automated workflows

Metadata sources



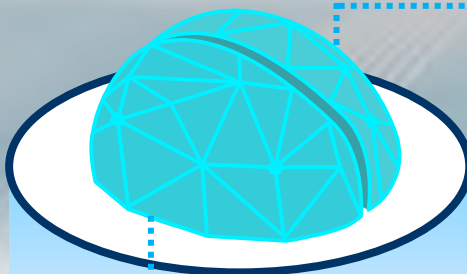
All sources are linked to a single global title



Every library can get their preferred record

Score algorithm

Calculating a 'global' score
to all records



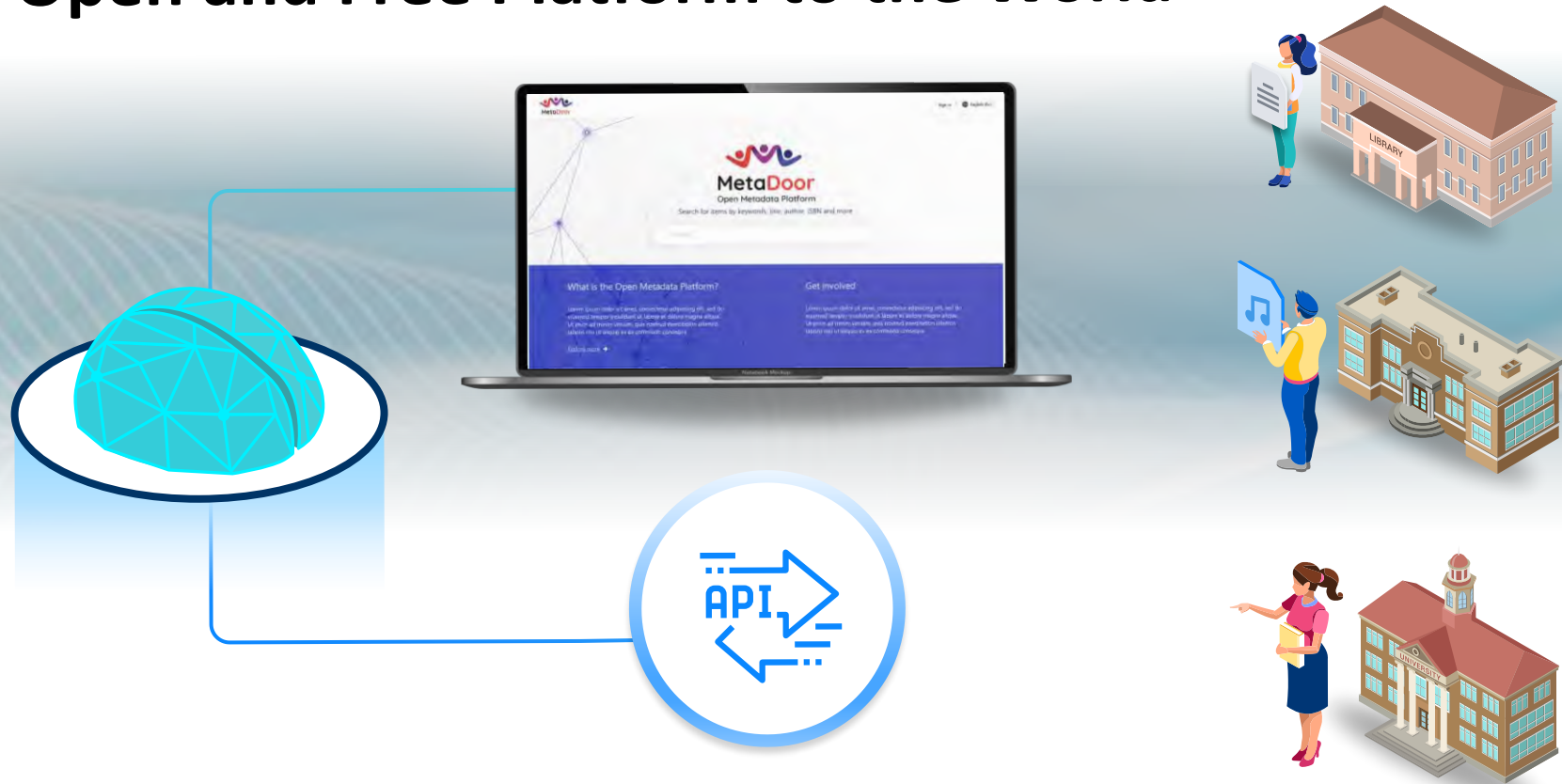
Preferences

Specify your preferences
based on record attributes
or sources to get your ideal
bibliographic record

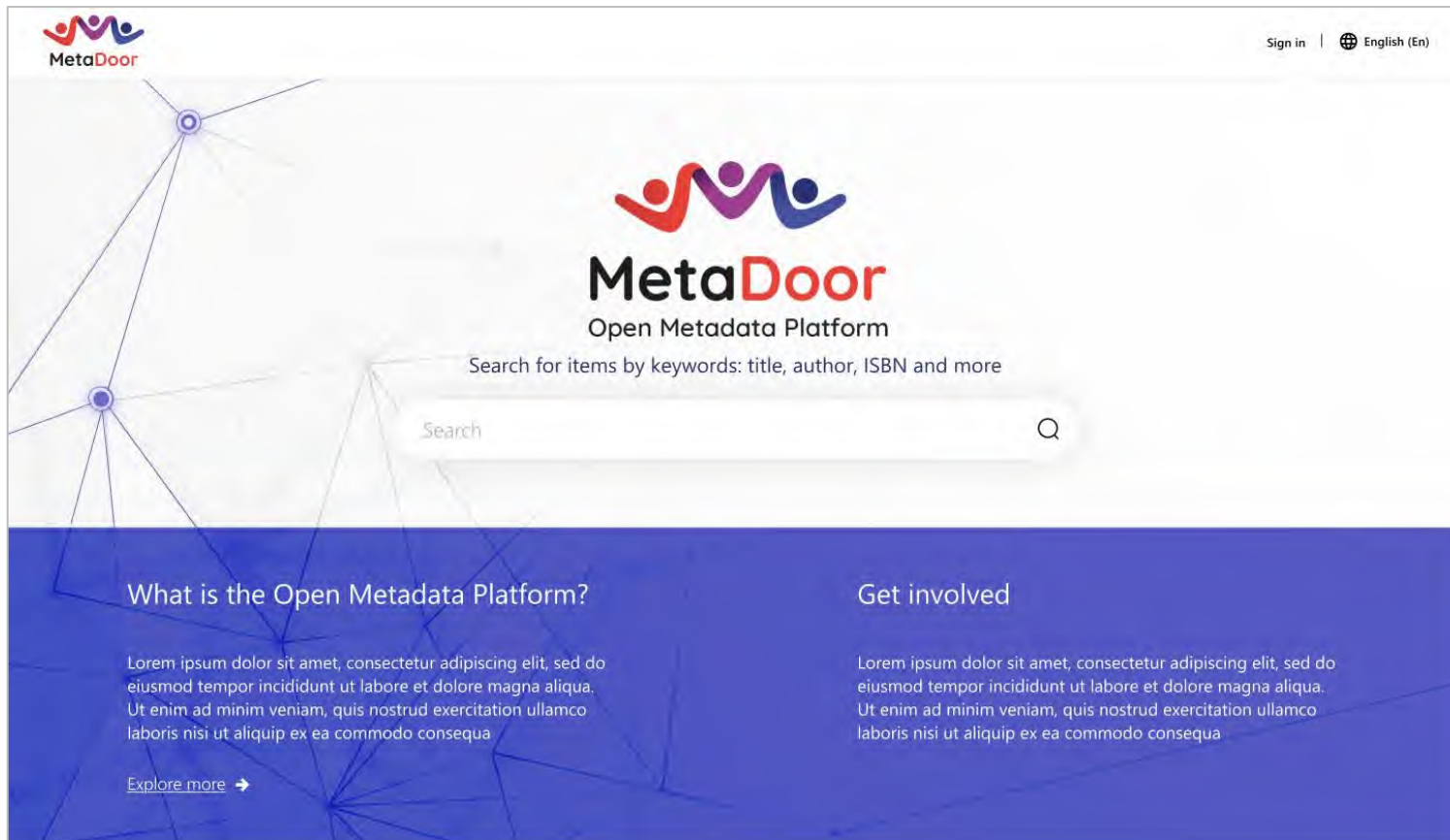
Preferred record service:

No one record suits all, but there is one that suits you

Open and Free Platform to the World



Open Web Interface



Unification and Simplification of Library Workflows

Efficient process for new items:

- Download high-quality records from the platform
- Automatically enrich newly created records



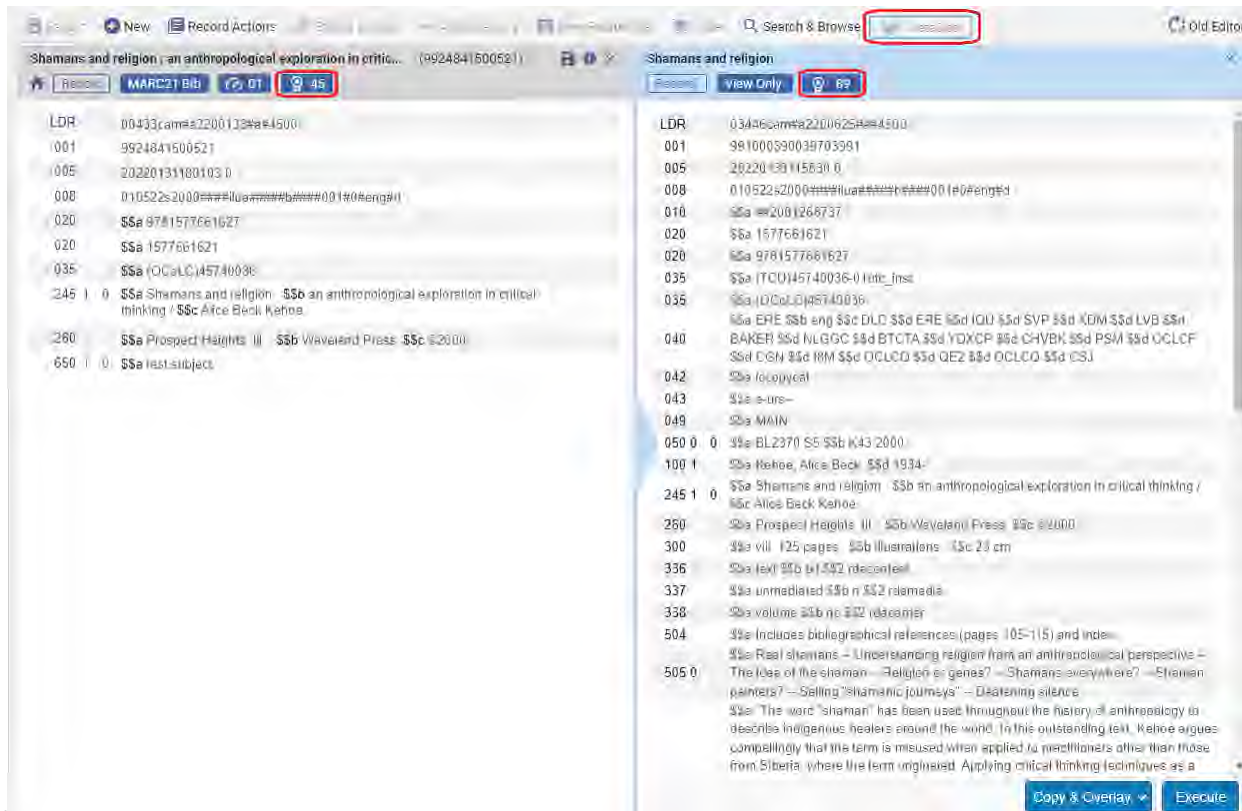
Improvement of existing records:

Automatic recommendations to propose metadata enrichment for your collection

Taking the stress out of finding metadata
Creating time to focus on special and unique materials

MetaDoor Option in Alma MD Editor

New ability to enrich records from MetaDoor sources in MD Editor:



MetaDoor Enrichment Profiles

- Enrichment profiles determine the institution preferences and settings in the manual and automatic workflows
- Each profile specifies:
 - The set of the records based on resource type or other criteria
 - The preference rules
 - Normalization rules and Merge routines
 - Automatic enrichment modes



MetaDoor Enrichment Profiles

< Manage Metadoor Enrichment Profiles (1-3 of 3)

1 ☐ ☒ **Print books**
Created 08/03/2021
Enriching print books by MetaDoor records with LCSH authority and RDA format.

2 ☐ ☐ **Music items**
Created 02/05/2021
Enriching music items by MetaDoor records from xxx source.

3 ☐ ☐ **Default profile**
Created 09/03/2021
Generic setup for all the other bibliographic records.

Print books
Enriching print books by MetaDoor records with LCSH authority and RDA format.

Bibliographic records
Select the indication rule from the list to define the set of bibliographic records for this profile. You can also add new or edit indication rule.

☒ Select resource type ☐ Select indication rule

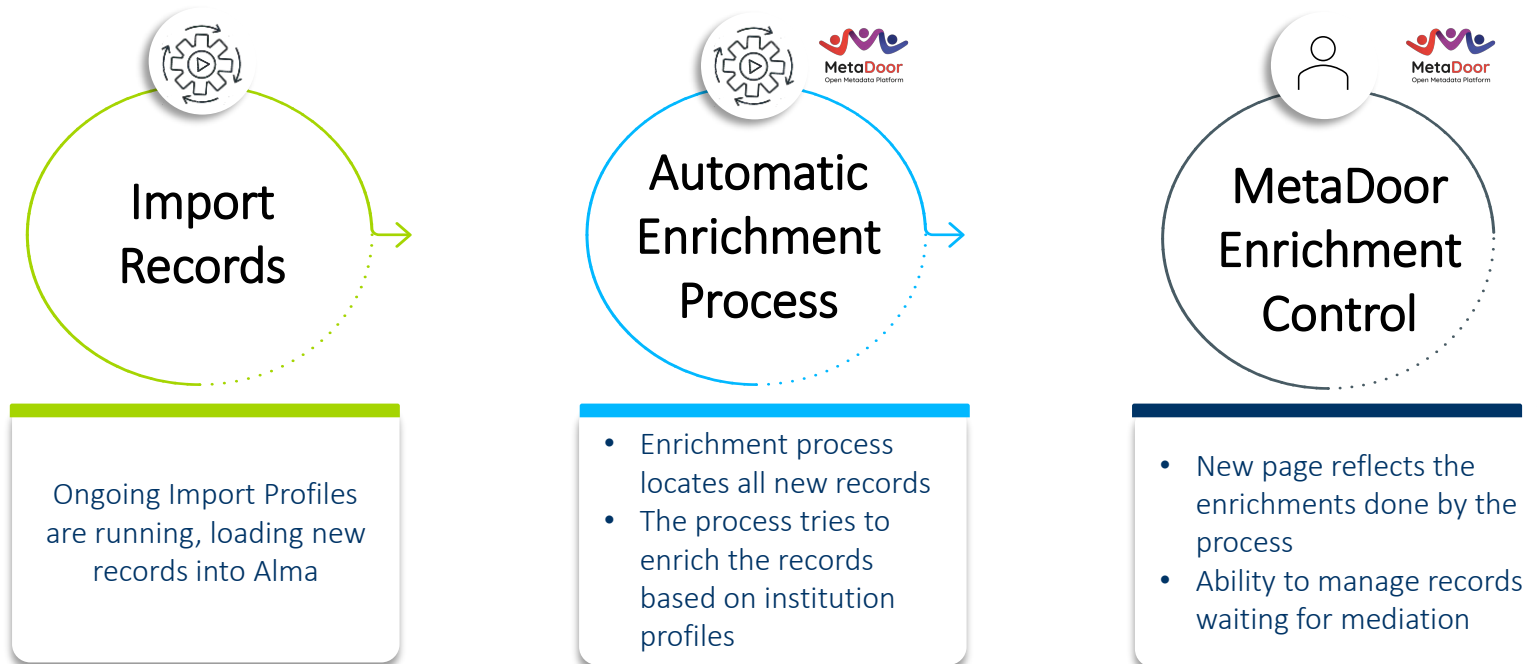
Preferences
Define up to 4 preference rules with the relevant criteria. MetaDoor will retrieve a preferred record based on the order of the rules, when the first rule get the highest priority.

Order	Name	Description	Date Created
1	Best record	Records with LCSH authority, RDA format and PCC indication	02/09/2021
2	Priority 2	Records with LCSH authority	02/09/2021

Automatic Enrichment
☐ None ☐ Mediated ☒ Automated

MetaDoor Automatic Enrichment Process

New MetaDoor Automatic Enrichment process to enrich new records loaded to Alma via import profiles.



MetaDoor Automatic Enrichment Process

- There are 3 enrichment modes:
 - Automated – **enriching** the records automatically from MetaDoor preferred record
 - Mediated – **suggesting** MetaDoor preferred record to enrich institutional records
 - None – **no** attempt to enrich the records

MetaDoor Enrichment Control Page

- New page reflects the enrichment done by the process
 - View all the records managed by the process and the outcome
 - Ability to manage records waiting for mediation

< MetaDoor Enrichment Control (1 - 12 of 12)

MMS ID Sort by: Processing Date Filter dates Status: All

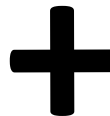
2	Open source GIS - a GRASS GIS approach / by Markus Neteler, Helena Mitsova. (✓) Enriched.	Rank after enrichment 111 Original Rank 36 Preferred Version Rank 102 Preferred Version Source 01UMN_INST	Processing Date 2022-04-03 12:03:15 Modified by System	View ...
3	Latin America : from colonization to globalization / Noam Chomsky in conversation with Heinz Dieterich. (✓) Enriched	Rank after enrichment 101 Original Rank 37 Preferred Version Rank 90 Preferred Version Source 01WRLC_AMU	Processing Date 2022-04-03 11:35:43 Modified by System	View ...
4	Johnny Depp starts here / Murray Pomerance. (✗) Better Record Not Found	Original Rank 33	Processing Date 2022-04-03 09:35:44 Modified by System	View ...
5	International organisations and peace enforcement : the politics of international legitimacy / Katharina B. Coleman. (⌚) Mediation Required	Original Rank 26 Preferred Version Rank 92 Preferred Version Source 01UMN_INST	Processing Date 2022-04-03 09:35:44 Modified by System	View ...
6	The autonomy of European Union agencies : a comparative study of institutional development / (⌚) Mediation Required	Original Rank 36 Preferred Version Rank 77 Preferred Version Source 01UMN_INST	Processing Date 2022-04-03 09:35:44 Modified by System	View ...

MetaDoor and Community Zone - Complementary solutions



Alma CZ

Electronic Resource Management
Provides services like Collection
management, metadata records,
link resolving and more



MetaDoor

Open Metadata Platform

Provides high quality
metadata in an efficient,
simple and automatic
way



Complete Solution to the entire library collection



MetaDoor Tracks





Functional track

Working with Development Partners

MetaDoor - Development Partners

UNIVERSITY OF MINNESOTA



Brandeis
UNIVERSITY

UNIVERSITY OF
DELAWARE

SLSP
Swiss Library
Service Platform
L

הספרייה הלאומית
المكتبة الوطنية الاسرائيلية
THE NATIONAL
LIBRARY OF ISRAEL

Washington
Research
Library
Consortium

FLORIDA
GULF COAST
UNIVERSITY

THE UNIVERSITY OF TENNESSEE
CHATTANOOGA

Our Development Partners are Saying...

We expect a huge improvement in metadata quality through the applied algorithms and the score which will consider preferences of an individual library. Since Switzerland is having 4 national languages, the aspect of multilingual features in Metadoor is key for us.



MetaDoor will give us the opportunity to share our expertise and cataloging records with other ExLibris users and with the global community. MetaDoor will make our copy cataloging workflows more effective and efficient, and simpler.

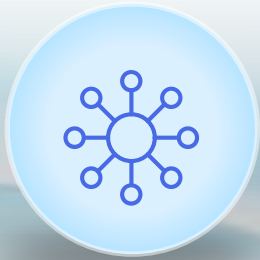


The MetaDoor initiative provides us with an additional opportunity to share the metadata we create with other libraries in a highly efficient, cost-effective way. The more we all share, the more we all benefit!



MetaDoor Supports our institutional commitment to open metadata and sharing and supports our new Libraries Strategic Plan in exploring potential organizational efficiencies while supporting five distinct campus needs.





Metadata track

Getting consent from customers

The more we all share, the more we all benefit!

Metadata Principles

Available to any library free of charge

Ex Libris does not claim ownership of shared records

Ex Libris does not alter or merge these shared records

MetaDoor is not a repository. Shared records will be provided in real time directly from the Alma customer environment

The records will be shared under library-designated license types (CC0, CC-BY-NC, or other common license types), allowing records to be copied and shared in original or modified form by other libraries and institutions

These principles will enable you to share your records in MetaDoor



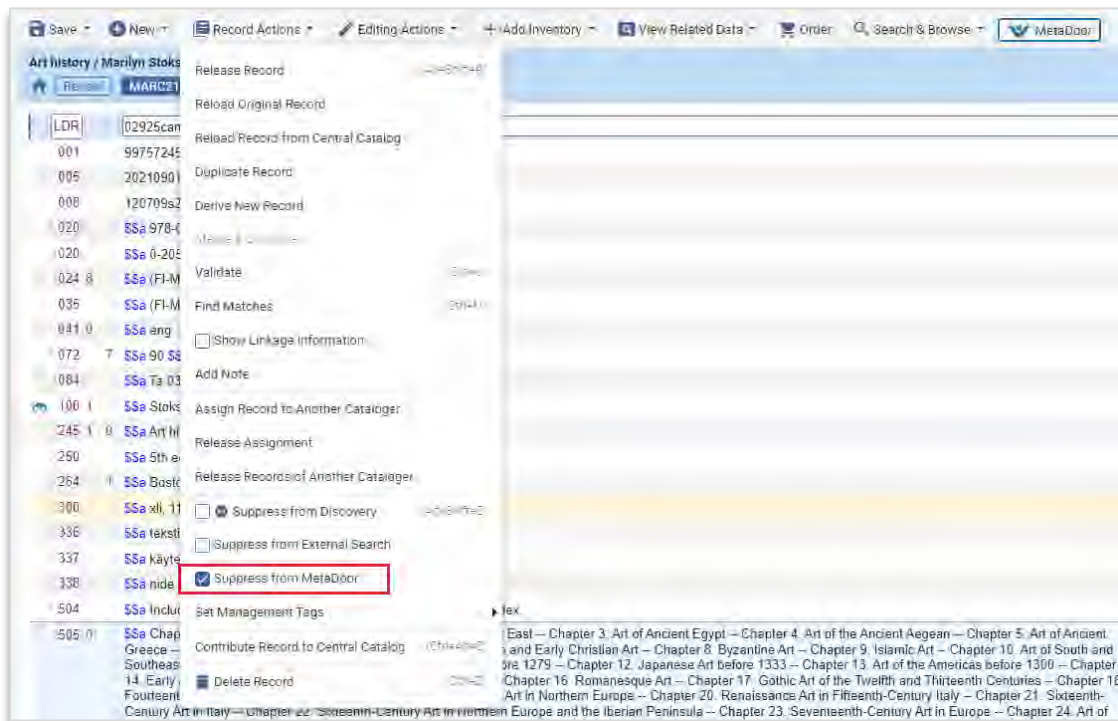
Ability to Exclude Certain Records from Sharing

MetaDoor provides the ability for contributors to suppress certain set of records from sharing

- New 'Suppress from MetaDoor' tag will be available in the following areas:
 - Update of single record in **MD Editor**
 - Batch update in **'Set Management Tags' job**
 - Update new records in **Import Profile**
 - Ability to **search** by 'Suppress from MetaDoor' tag

Suppress Single Record in MD Editor

New option to update single record in MD Editor to be suppressed from MetaDoor



Suppress Batch of Records in 'Set Management Tags' Job

New option within the 'Set Management Tags' job to mark set of records as suppressed from MetaDoor

Run a Job - Enter Task Parameters

Task Parameters: SetManagementTags

☐ Suppress record/s from publish/delivery ☐ Yes ☐ No

☐ Suppress record/s from external search ☐ Yes ☐ No

☒ Suppress record/s from MetaDoor ☒ Yes ☐ No

☐ Synchronize with OCLC Publish Bibliogr. ▾

☐ Synchronize with Libraries Australia Publish Bibliogr. ▾

Update New Records in Import Profiles

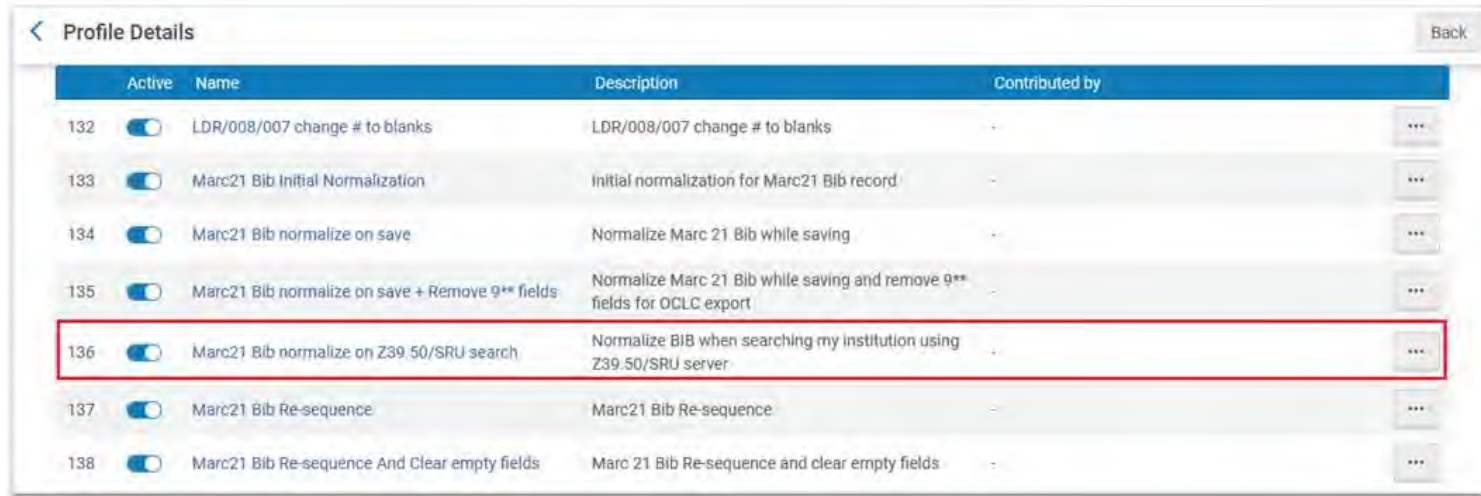
New option in Manage Import Profiles to suppress imported records from MetaDoor.

The screenshot shows the 'Import Profile Details' form with a progress bar at the top indicating steps 1 through 6. The form includes several settings for managing imported records. A red box highlights the 'Suppress record/s from MetaDoor' option, which is currently checked. Other options include 'Suppress record/s from publish/delivery', 'Suppress record/s from external search', 'Synchronize with OCLC', and 'Synchronize with Libraries Australia'. Each option has a 'Condition' dropdown set to 'Only for new records'.

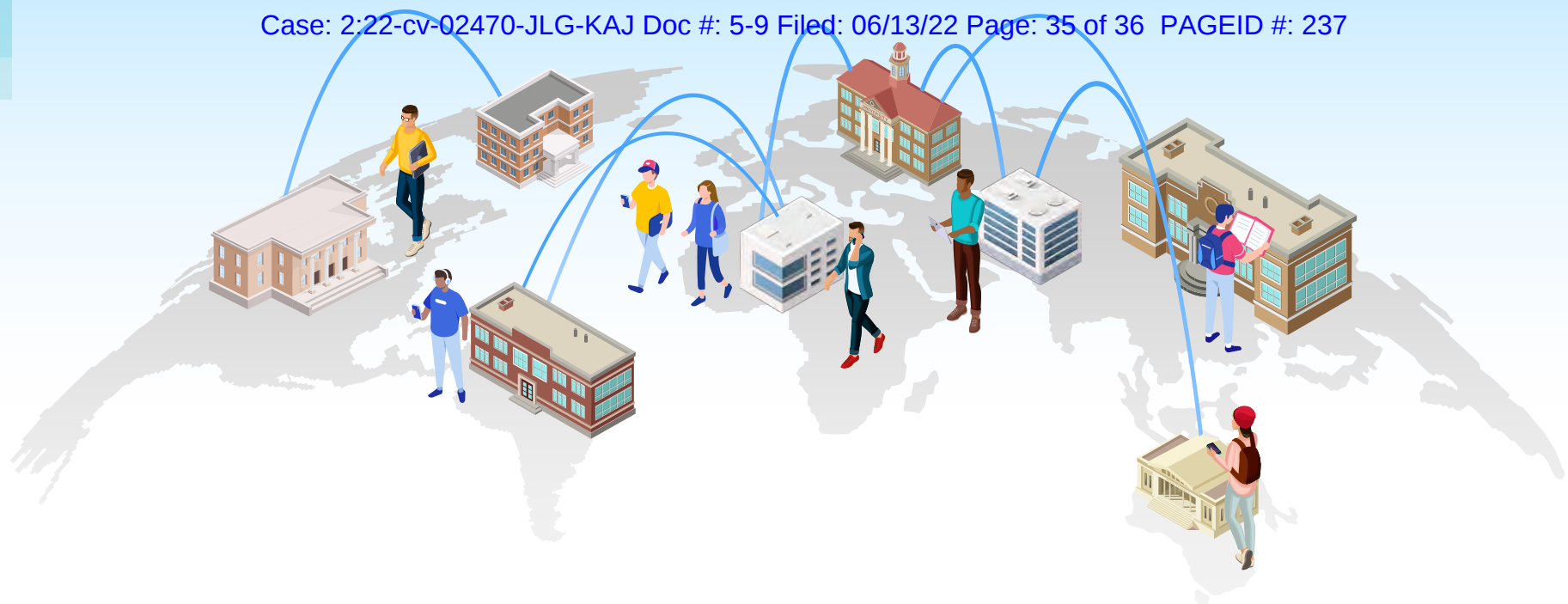
Option	Condition
Suppress record/s from publish/delivery	Only for new records
Suppress record/s from external search	Only for new records
Suppress record/s from MetaDoor	Only for new records
Synchronize with OCLC	Only for new records
Synchronize with Libraries Australia	Only for new records

Normalize Records Before Sharing

- MetaDoor provides the ability to normalize the records before sharing in MetaDoor
- MetaDoor uses the existing option of normalize on Z39.50/SRU search.



Active	Name	Description	Contributed by
<input checked="" type="checkbox"/>	LDR/008/007 change # to blanks	LDR/008/007 change # to blanks	...
<input checked="" type="checkbox"/>	Marc21 Bib Initial Normalization	Initial normalization for Marc21 Bib record	...
<input checked="" type="checkbox"/>	Marc21 Bib normalize on save	Normalize Marc 21 Bib while saving	...
<input checked="" type="checkbox"/>	Marc21 Bib normalize on save + Remove 9** fields	Normalize Marc 21 Bib while saving and remove 9** fields for OCLC export	...
<input checked="" type="checkbox"/>	Marc21 Bib normalize on Z39.50/SRU search	Normalize BIB when searching my institution using Z39.50/SRU server	...
<input checked="" type="checkbox"/>	Marc21 Bib Re-sequence	Marc21 Bib Re-sequence	...
<input checked="" type="checkbox"/>	Marc21 Bib Re-sequence And Clear empty fields	Marc 21 Bib Re-sequence and clear empty fields	...



LET'S OPEN UP THE COMMUNITY

JOIN BY SHARING YOUR RECORDS

For more information contact
MetaDoor_info@exlibrisgroup.com

Thank You!

MetaDoor_info@exlibrisgroup.com

